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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L11	L10 not l6	63
<input type="checkbox"/>	L10	L9 with (produc\$4 or purif\$7)	63
<input type="checkbox"/>	L9	glp\$2 with fusion	108
<input type="checkbox"/>	L8	l6 not L7	10
<input type="checkbox"/>	L7	L6 with fusion	9
<input type="checkbox"/>	L6	L5 with coli	19
<input type="checkbox"/>	L5	GALACTOSIDASE WITH PROTECT\$4	201
		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L4	5322930.PN.	1
<input type="checkbox"/>	L3	5670340.PN.	1
<input type="checkbox"/>	L2	L1.PN.	1
<input type="checkbox"/>	L1	5202239	12

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**Search Results - Record(s) 1 through 9 of 9 returned.**

☐ 1. Document ID: US 20050131208 A1

L7: Entry 1 of 9

File: PGPB

Jun 16, 2005

PGPUB-DOCUMENT-NUMBER: 20050131208

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050131208 A1

TITLE: Method for producing a modified peptide

PUBLICATION-DATE: June 16, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Minamitake, Yoshiharu	Gunma		JP
Matsumoto, Masaru	Gunma		JP
Makino, Tomohiro	Gunma		JP

US-CL-CURRENT: 530/333

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw D</a>
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☐ 2. Document ID: US 6221363 B1

L7: Entry 2 of 9

File: USPT

Apr 24, 2001

US-PAT-NO: 6221363

DOCUMENT-IDENTIFIER: US 6221363 B1

TITLE: Vaccine for the prevention of lyme disease

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw D</a>
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☐ 3. Document ID: US 6037145 A

L7: Entry 3 of 9

File: USPT

Mar 14, 2000

US-PAT-NO: 6037145

DOCUMENT-IDENTIFIER: US 6037145 A

TITLE: Process for production of protein

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 4. Document ID: US 5932697 A

L7: Entry 4 of 9

File: USPT

Aug 3, 1999

US-PAT-NO: 5932697

DOCUMENT-IDENTIFIER: US 5932697 A

TITLE: Synthetic antifreeze peptide

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 5. Document ID: US 5670340 A

L7: Entry 5 of 9

File: USPT

Sep 23, 1997

US-PAT-NO: 5670340

DOCUMENT-IDENTIFIER: US 5670340 A

TITLE: Process for producing peptides in E. coli

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 6. Document ID: US 5614409 A

L7: Entry 6 of 9

File: USPT

Mar 25, 1997

US-PAT-NO: 5614409

DOCUMENT-IDENTIFIER: US 5614409 A

TITLE: Production of IBDV VP2 in highly immunogenic form

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 7. Document ID: US 5530103 A

L7: Entry 7 of 9

File: USPT

Jun 25, 1996

US-PAT-NO: 5530103

DOCUMENT-IDENTIFIER: US 5530103 A

TITLE: Method for the purification of PC protein from Borrelia burgdorferi

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 8. Document ID: EP 305777 A2

L7: Entry 8 of 9

File: EPAB

Mar 8, 1989

PUB-NO: EP000305777A2

DOCUMENT-IDENTIFIER: EP 305777 A2

TITLE: Synthesis of human immunodeficiency virus type 1 antigens and their use as diagnostic and therapeutic agents.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 9. Document ID: DE 3900770 A, US 5968778 A, WO 9008163 A, AU 9048367 A, EP 453456 A, JP 04504407 W, EP 453456 B1, DE 59001317 G, ES 2057528 T3

L7: Entry 9 of 9

File: DWPI

Jul 26, 1990

DERWENT-ACC-NO: 1990-232170

DERWENT-WEEK: 199950

COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Recombinant mono:metric platelet derived growth factor A prodn. - by expressing fusion protein with beta-galactosidase in E.coli, chemical cleaning, thiol protection, purificn. and opt. dimerisation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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Terms

Documents

L6 with fusion

9

Display Format:  [Change Format](#)[Previous Page](#)[Next Page](#)[Go to Doc#](#)

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**Search Results - Record(s) 1 through 10 of 10 returned.**

☐ 1. Document ID: US 20060121572 A1

L8: Entry 1 of 10

File: PGPB

Jun 8, 2006

PGPUB-DOCUMENT-NUMBER: 20060121572

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060121572 A1

TITLE: Production of heterologous proteins in Caulobacter

PUBLICATION-DATE: June 8, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Smit; John	Richmond		CA
Nomellini; John F.	Richmond		CA

US-CL-CURRENT: [435/69.1](#); [435/252.3](#), [435/320.1](#), [530/350](#), [536/23.7](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMMC	Draw. Data
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☐ 2. Document ID: US 20030109469 A1

L8: Entry 2 of 10

File: PGPB

Jun 12, 2003

PGPUB-DOCUMENT-NUMBER: 20030109469

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030109469 A1

TITLE: Recombinant gene expression vectors and methods for use of same to enhance the immune response of a host to an antigen

PUBLICATION-DATE: June 12, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Carson, Dennis A.	Del Mar	CA	US
Raz, Eyal	Del Mar	CA	US
Roman, Mark	San Diego	CA	US

US-CL-CURRENT: [514/44](#); [435/235.1](#), [536/23.1](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 3. Document ID: US 20030084468 A1

L8: Entry 3 of 10

File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030084468

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030084468 A1

TITLE: Methods of expressing transgenes

PUBLICATION-DATE: May 1, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Economides, Aris N.	Tarrytown	NY	US
DeChiara, Thomas M.	Paramus	NJ	US
Gale, Nicholas W.	Tarrytown	NY	US
Yancopoulos, George D.	Yorktown Heights	NY	US

US-CL-CURRENT: 800/18; 435/320.1, 435/354, 435/455, 435/6, 800/21

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 4. Document ID: US 20030078223 A1

L8: Entry 4 of 10

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030078223

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030078223 A1

TITLE: Compositions and methods for modulating an immune response

PUBLICATION-DATE: April 24, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Raz, Eyal	Del Mar	CA	US
Broide, David	San Diego	CA	US

US-CL-CURRENT: 514/44; 424/275.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 5. Document ID: US 6653109 B1

L8: Entry 5 of 10

File: USPT

Nov 25, 2003

US-PAT-NO: 6653109  
DOCUMENT-IDENTIFIER: US 6653109 B1

TITLE: Method of producing derivatives of lactosamine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 6. Document ID: US 5891671 A

L8: Entry 6 of 10

File: USPT

Apr 6, 1999

US-PAT-NO: 5891671  
DOCUMENT-IDENTIFIER: US 5891671 A

TITLE: Method for cleaving chimeric protein using processing enzyme

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 7. Document ID: US 5529909 A

L8: Entry 7 of 10

File: USPT

Jun 25, 1996

US-PAT-NO: 5529909  
DOCUMENT-IDENTIFIER: US 5529909 A

TITLE: Tyrosinase-activator protein fusion enzyme

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 8. Document ID: US 5415998 A

L8: Entry 8 of 10

File: USPT

May 16, 1995

US-PAT-NO: 5415998  
DOCUMENT-IDENTIFIER: US 5415998 A

TITLE: Enzyme-containing quaternary immunocomplex homogeneous assay

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 9. Document ID: WO 2006056050 A1, US 20060121572 A1

L8: Entry 9 of 10

File: DWPI

Jun 1, 2006

DERWENT-ACC-NO: 2006-392658  
DERWENT-WEEK: 200640  
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TITLE: Producing heterologous polypeptide in Caulobacter, by transforming genetically engineered Caulobacter strain that produces outer membrane protein

RsaFa or RsaFb at elevated level, with sequences coding for heterologous polypeptide

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 10. Document ID: JP 3531947 B2, EP 528686 A2, AU 9221078 A, CA 2076320 A, HU 62335 T, JP 05328992 A, AU 656791 B, EP 528686 A3, US 5670340 A, HU 216335 B, CA 2076320 C, EP 528686 B1, DE 69233245 E, EP 528686 B8, ES 2206443 T3

L8: Entry 10 of 10

File: DWPI

May 31, 2004

DERWENT-ACC-NO: 1993-060504

DERWENT-WEEK: 200436

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TITLE: Recombinant prodn. of peptide(s) - by transforming host cells to produce fusion proteins with isoelectric points of 4.9-6.9, then cleaving the fusion proteins

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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10

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NEWS 10 JUN 02 The first reclassification of IPC codes now complete in  
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NEWS 13 JUL 07 Coverage of Research Disclosure reinstated in DWPI  
  
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=> s galactosidase (5a)protect?  
L1 456 GALACTOSIDASE (5A) PROTECT?

=> s l1 (5a)fusion  
L2 6 L1 (5A) FUSION

=> dup rem l2  
PROCESSING COMPLETED FOR L2  
L3 6 DUP REM L2 (0 DUPLICATES REMOVED)

=> d 1-6

L3 ANSWER 1 OF 6 WPIDS COPYRIGHT 2006 THE THOMSON CORP on STN  
AN 2000-320438 [28] WPIDS <<LOGINID::20060709>>  
DNN N2000-240555 DNC C2000-097319  
TI Low molecular weight Actinobacillus pleuropneumoniae proteins and DNA  
encoding them, for use as vaccines against the bacteria in swine.  
DC B04 C06 D16 S03  
IN ANKENBAUER, R G; BAARSCH, M J; CAMPOS, M; KEICH, R L; ROSEY, E L; STEWART,  
L M W; SUITER, B T; WARREN, S L M; WARREN-STEWART, L M; KEICH, R; ROSEY,  
E; SUITER, B; WARREN-STEWART, L  
PA (PFIZ) PFIZER PROD INC; (PFIZ) PFIZER INC; (ANKE-I) ANKENBAUER R G;  
(BAAR-I) BAARSCH M J; (CAMP-I) CAMPOS M; (KEIC-I) KEICH R; (ROSE-I) ROSEY  
E; (SUIT-I) SUITER B; (WARR-I) WARREN-STEWART L  
CYC 35  
PI EP 1001025 A2 20000517 (200028)\* EN 81 C12N015-12  
R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT  
RO SE SI  
JP 2000125889 A 20000509 (200032) 72 C12N015-09  
AU 9955987 A 20000608 (200035) C07K014-30  
CA 2285749 A1 20000422 (200037) EN C12N015-31  
NZ 500540 A 20000825 (200049) C12N015-11  
CN 1259522 A 20000712 (200054) C07K014-36  
BR 9905111 A 20010320 (200123) C07K014-30  
MX 9909688 A1 20000601 (200133) C12N015-62  
ZA 9906648 A 20010627 (200140) 111 C12P000-00  
JP 2003047489 A 20030218 (200323) 71 C12N015-09  
JP 3440221 B2 20030825 (200357) 69 C12N015-09  
AU 767421 B 20031106 (200401) C07K014-30  
JP 2004041219 A 20040212 (200413) 64 C12N015-09  
US 6713071 B1 20040330 (200423) A61K039-02  
US 2004198954 A1 20041007 (200466) C07K001-00

TW 224107 B1 20041121 (200534) C07K014-285  
 JP 3699421 B2 20050928 (200566) 99 C12N015-09  
 ADT EP 1001025 A2 EP 1999-308262 19991020; JP 2000125889 A JP 1999-301672  
 19991022; AU 9955987 A AU 1999-55987 19991021; CA 2285749 A1 CA  
 1999-2285749 19991020; NZ 500540 A NZ 1999-500540 19991021; CN 1259522 A  
 CN 1999-125454 19991022; BR 9905111 A BR 1999-5111 19991022; MX 9909688 A1  
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 Div ex JP 1999-301672 19991022, JP 2002-153105 19991022; JP 3440221 B2 JP  
 1999-301672 19991022; AU 767421 B AU 1999-55987 19991021; JP 2004041219 A  
 Div ex JP 2002-153105 19991022, JP 2003-299144 20030822; US 6713071 B1  
 Provisional US 1998-105285P 19981022, US 1999-418980 19991014; US  
 2004198954 A1 Provisional US 1998-105285P 19981022, Cont of US 1999-418980  
 19991014, US 2004-770824 20040203; TW 224107 B1 TW 1999-118076 19991019;  
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 9955987; US 2004198954 A1 Cont of US 6713071; JP 3699421 B2 Previous Publ.  
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 A61P031-04; A61P031-10; A61P037-02; C07H021-00; C07H021-04;  
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 G01N033-561; G01N033-566; G01N033-569; G01N033-577; G01N033-68

L3 ANSWER 2 OF 6 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
 AN 1999:484695 BIOSIS <<LOGINID::20060709>>  
 DN PREV199900484695  
 TI Protective effect of oral immunization of mice with fusion protein of heat  
 shock protein 60 (HSP60) and beta-galactosidase with induction of gastric  
 inflammation.  
 AU Kamiya, S. [Reprint author]; Yamaguchi, H. [Reprint author]; Osaki, T.;  
 Takahashi, M. [Reprint author]; Taguchi, H. [Reprint author]  
 CS Department of Microbiology, Kyorin University School of Medicine, Mitaka,  
 Tokyo, Japan  
 SO Gut, (Sept., 1999) Vol. 45, No. SUPPL. 3, pp. A58-A59. print.  
 Meeting Info.: XIIth International Workshop on Gastroduodenal Pathology  
 and Helicobacter pylori. Helsinki, Finland. September 2-4, 1999.  
 CODEN: GUTTAK. ISSN: 0017-5749.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 16 Nov 1999  
 Last Updated on STN: 16 Nov 1999

L3 ANSWER 3 OF 6 HCAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1997:610758 HCAPLUS <<LOGINID::20060709>>  
 DN 127:258656  
 TI Manufacture of proteins as fusion products with .beta.-galactosidase and a  
 linker cleavable by a soluble KEX2 proteinase  
 IN Suzuki, Yuji; Magota, Koji; Masuda, Toyofumi  
 PA Suntory Limited, Japan; Daiichi Suntory Pharma Co., Ltd.  
 SO Eur. Pat. Appl., 59 pp.  
 CODEN: EPXXDW

DT Patent  
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 794255	A2	19970910	EP 1997-301407	19970304
	EP 794255	A3	19990127		
	EP 794255	B1	20050302		
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	CA 2198966	AA	19970904	CA 1997-2198966	19970303
	AU 9715036	A1	19970911	AU 1997-15036	19970304

AU 734397	B2	20010614		
JP 09296000	A2	19971118	JP 1997-63989	19970304
CN 1167155	A	19971210	CN 1997-109693	19970304
US 5891671	A	19990406	US 1997-811028	19970304
TW 480270	B	20020321	TW 1997-86102706	19970304
AT 290088	E	20050315	AT 1997-301407	19970304
PRAI JP 1996-70906	A	19960304		

L3 ANSWER 4 OF 6 HCAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1994:678390 HCAPLUS <<LOGINID::20060709>>  
 DN 121:278390  
 TI Vaccination against Staphylococcus aureus mastitis: Immunological response of mice vaccinated with fibronectin-binding protein (FnBP-A) to challenge with S. aureus  
 AU Mamo, Wubshet; Jonsson, Per; Flock, Jan-Ingmar; Lindberg, Martin; Muller, Hans-Peter; Wadstroem, Torkel; Nelson, Lennart  
 CS Department Veterinary Microbiology, Swedish University Agricultural Sciences, Uppsala, S-751 32, Swed.  
 SO Vaccine (1994), 12(11), 988-92  
 CODEN: VACCDE; ISSN: 0264-410X  
 DT Journal  
 LA English

L3 ANSWER 5 OF 6 HCAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1994:131692 HCAPLUS <<LOGINID::20060709>>  
 DN 120:131692  
 TI Immunization with fibronectin binding protein from Staphylococcus aureus protects against experimental endocarditis in rats  
 AU Schennings, Torgny; Heimdahl, Anders; Coster, Karin; Flock, Jan Ingmar  
 CS Cent. Biotechnol., Karolinska Inst. Novum, Huddinge, 141 57, Swed.  
 SO Microbial Pathogenesis (1993), 15(3), 227-36  
 CODEN: MIPAEV; ISSN: 0882-4010  
 DT Journal  
 LA English

L3 ANSWER 6 OF 6 BIOTECHDS COPYRIGHT 2006 THE THOMSON CORP. on STN  
 AN 1991-05580 BIOTECHDS <<LOGINID::20060709>>  
 TI Enhancement of the levels of synthesis of recombinant proteins; Escherichia coli fed-batch culture optimization for expression of recombinant infectious-bursal-disease virus VP2 antigen using plasmid pEX vector (conference paper)  
 AU Black G M; Ivancic N  
 LO CSIRO Division of Biotechnology, Private Bag 10, Clayton, Victoria 3168, Australia.  
 SO Aust.Biotechnol.Conf.; (1989) 8 Meet., 263-65  
 DT Journal  
 LA English

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	28.90	29.11

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FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS, ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 20:18:20 ON 09 JUL 2006

L1 456 S GALACTOSIDASE (5A)PROTECT?  
 L2 6 S L1 (5A)FUSION  
 L3 6 DUP REM L2 (0 DUPLICATES REMOVED)

=> s glp? (5a)fusion  
 L4 178 GLP? (5A) FUSION

=> s l4 (5a)(produc? or purif?)  
 9 FILES SEARCHED...  
 L5 10 L4 (5A) (PRODUC? OR PURIF?)

=> dup rem l5  
 PROCESSING COMPLETED FOR L5  
 L6 8 DUP REM L5 (2 DUPLICATES REMOVED)

=> d 1-8

L6 ANSWER 1 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2006:544558 HCAPLUS <<LOGINID::20060709>>  
 DN 145:50996  
 TI Drug fusions and conjugates with improved serum half-lives containing an incretin hormone and an antibody fragment that binds serum albumin  
 IN Holmes, Steve; Holt, Lucy J.; Jespers, Laurent S.; Tomlinson, Ian M.  
 PA Domantis Ltd., UK  
 SO PCT Int. Appl., 167 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 13

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006059106	A2	20060608	WO 2005-GB4599	20051130
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
PRAI	US 2004-632361P	P	20041202		
	GB 2005-11019	A	20050531		

L6 ANSWER 2 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1

AN 2005:14434 HCAPLUS <<LOGINID::20060709>>  
 DN 142:120461  
 TI Glucagon-like peptide I (GLP-1) analog fusion proteins with specific  
 IgG4-Fc derivatives with increased stability and reduced risk of unwanted  
 immune response, and therapeutic uses thereof  
 IN Glaesner, Wolfgang; Millican, Rohn Lee, Jr.; Vick, Andrew Mark  
 PA Eli Lilly and Company, USA  
 SO PCT Int. Appl., 44 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005000892	A2	20050106	WO 2004-US15595	20040610
	WO 2005000892	A3	20050303		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2004251145	A1	20050106	AU 2004-251145	20040610
	CA 2528591	AA	20050106	CA 2004-2528591	20040610
	EP 1641823	A2	20060405	EP 2004-752589	20040610
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
PRAI	US 2003-477880P	P	20030612		
	WO 2004-US15595	W	20040610		

L6 ANSWER 3 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2005:1123800 HCAPLUS <<LOGINID::20060709>>  
 DN 143:400387  
 TI Human GLP-1 (glucagon like peptide 1) mimetibodies, compositions, methods  
 of making, and diagnostic or therapeutic uses  
 IN O'Neil, Karyn; Picha, Kristen  
 PA Centocor, Inc., USA  
 SO PCT Int. Appl., 139 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005097175	A2	20051020	WO 2005-US10456	20050328
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2004-557983P	P	20040331		
	US 2004-612981P	P	20040924		

L6 ANSWER 4 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2005:570927 HCAPLUS <<LOGINID::20060709>>  
 DN 143:91052  
 TI Human GLP-1 receptor analogues linked to albumin-like agents for treating  
 diabetes  
 IN Hansen, Thomas Kruse; Zundel, Magali; Madsen, Kjeld; Svendsen, Anne;  
 Schiodt, Christine Bruun; Lau, Jesper  
 PA Novo Nordisk A/S, Den.

SO PCT Int. Appl., 61 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005058958	A2	20050630	WO 2004-DK887	20041217
	WO 2005058958	A3	20051124		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, SM			
	RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	DK 2003-1883	A	20031218		
OS	MARPAT 143:91052				

L6 ANSWER 5 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:1080512 HCAPLUS <<LOGINID::20060709>>

DN 142:54760

TI Rationally designed antibodies fused to peptide mimetics involved in insulin production for use in therapy and diagnosis

IN Bowdish, Katherine S.; Frederickson, Shana; Renshaw, Mark; Orencia, Cecelia

PA USA

SO U.S. Pat. Appl. Publ., 149 pp., Cont.-in-part of U.S. Ser. No. 452,590.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004253242	A1	20041216	US 2003-737290	20031215
	US 2003049683	A1	20030313	US 2001-6593	20011205
	EP 1498429	A2	20050119	EP 2004-77553	20011205
	EP 1498429	A3	20050803		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR			
	EP 1589034	A2	20051026	EP 2004-77554	20011205
	EP 1589034	A3	20051102		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR			
	EP 1642910	A1	20060405	EP 2005-76105	20011205
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR			
	US 2003232972	A1	20031218	US 2002-307724	20021202
	WO 2004108078	A2	20041216	WO 2004-US16574	20040526
	WO 2004108078	A3	20060406		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	WO 2005060642	A2	20050707	WO 2004-US41946	20041215
	WO 2005060642	A3	20051027		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,			

TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,  
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,  
 MR, NE, SN, TD, TG

PRAI US 2000-251448P P 20001205  
 US 2001-288889P P 20010504  
 US 2001-294068P P 20010529  
 US 2001-6593 A2 20011205  
 US 2002-307724 A2 20021202  
 US 2003-452590 A2 20030602  
 EP 2001-985007 A3 20011205  
 US 2003-737290 A 20031215

L6 ANSWER 6 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:609843 HCAPLUS <<LOGINID::20060709>>

DN 141:152200

TI Recombinant production of glucagon like peptide-1 (7-36) fragment and/or  
 GLP-1 analogs in large quantities by ligating genes in tandem

IN Sun, Yukun; Wu, Dengxi; Wu, Aizhen; Zhu, Zhiyong; Yu, Gang; Zhou,  
 Jiaxiang; Zhao, Shaoling

PA Shanghai Hua-Yi Bio-Tech Lab., Peop. Rep. China

SO U.S. Pat. Appl. Publ., 35 pp., Cont.-in-part of Appl. No. PCT/CN02/00502.  
 CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004146985	A1	20040729	US 2004-761717	20040120
	WO 2003016349	A1	20030227	WO 2002-CN502	20020717
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM.				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	WO 2002-CN502	A2	20020717		
	CN 2001-126278	A	20010719		

L6 ANSWER 7 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 2003:818131 HCAPLUS <<LOGINID::20060709>>

DN 139:312444

TI Use of transthyretin peptide/protein fusions to increase the serum  
 half-life of pharmacologically active peptides/proteins

IN Walker, Kenneth; Xiong, Fei

PA USA

SO U.S. Pat. Appl. Publ., 61 pp., Cont.-in-part of U.S. Ser. No. 117,109.  
 CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003195154	A1	20031016	US 2003-407078	20030403
	US 2003191056	A1	20031009	US 2002-117109	20020404
PRAI	US 2002-117109	A2	20020404		

L6 ANSWER 8 OF 8 BIOTECHDS COPYRIGHT 2006 THE THOMSON CORP. on STN

DUPLICATE 2

AN 2003-04143 BIOTECHDS <<LOGINID::20060709>>

TI Genetically engineered bacteria and process for preparing insulinotropic  
 hormone secretion peptide GLP-1 (7-36);

recombinant hormone protein production via plasmid expression in  
 bacterium host cell

AU SUN Y; WU D; WU A



PA HUAYI BIO TECHNOLOGY CO LTD SHANGHAI  
PI CN 1363654 14 Aug 2002  
AI CN 2001-126278 19 Jul 2001  
PRAI CN 2001-126278 19 Jul 2001; CN 2001-126278 19 Jul 2001  
DT Patent  
LA Chinese  
OS WPI: 2002-742063 [81]

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FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,  
NTIS, ESBIODBASE, BIOTECHNO, WPIDS' ENTERED AT 20:18:20 ON 09 JUL 2006

L1 456 S GALACTOSIDASE (5A)PROTECT?  
L2 6 S L1 (5A)FUSION  
L3 6 DUP REM L2 (0 DUPLICATES REMOVED)  
L4 178 S GLP? (5A)FUSION  
L5 10 S L4 (5A)(PRODUC? OR PURIF?)  
L6 8 DUP REM L5 (2 DUPLICATES REMOVED)

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
42.55	42.76

FULL ESTIMATED COST

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 20:26:07 ON 09 JUL 2006